

2012



Baltimore City Annual HIV Epidemiological Profile

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Data reported through December 31, 2013

**Center for HIV Surveillance, Epidemiology and Evaluation
Infectious Disease Bureau
Prevention and Health Promotion Administration
Maryland Department of Health and Mental Hygiene
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Center for HIV Surveillance, Epidemiology and Evaluation

Colin Flynn, Chief
Jami Stockdale, Deputy Chief, Epidemiology and Evaluation
Attilio J. Zarella, Deputy Chief, HIV Case Surveillance *

Gina Dwyer, Epidemiologist *
Harold C. Boykin, Epidemiologist
Jimeka Leonard, Epidemiologist *
Morgan Boyer, Epidemiologist
Reshma Bhattacharjee, Epidemiologist

Assefa Tigeneh, Surveillance Investigator
Bekele Mamo, Surveillance Investigator
Delwar Hossain, Surveillance Investigator
Denise Bannerman-Wood, Data Quality Specialist/NIR Coordinator
Erika Jackson, Surveillance Investigator
Leigh Carels, Surveillance Investigator
Phyllis Finch, Surveillance Investigator
Winona Matthews, Surveillance Investigator

Rhonda Rowlette, Data Specialist, Health Record Reviewer
Kathy Colburn, Data Specialist
Lillian Keene, Data Specialist
Yvonne Childress, Data Specialist

Marilyn Walkins, Health Record Reviewer
Mohammed Haque, Health Record Reviewer
Nancy McCaslin, Health Record Reviewer

Linda Knapp, Evaluator
Sara Daneshpour, Research Assistant

Tonya Williamson, Administrative Secretary

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*These persons are no longer with the Center for HIV Surveillance, Epidemiology and Evaluation at the time of publication of this report.

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Section I – Background Information

HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory directors are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmf.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

It is important to note that HIV surveillance is the ongoing systematic collection, analysis, interpretation, and dissemination of HIV disease data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department.

Stages of a Case of HIV/AIDS

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

Changes in Case Terminology

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2012 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2012-12/31/2012, as reported by name through 12/31/2013.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2012 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2012 as reported by name through 12/31/2013.

Laboratory Data

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care".

Sources of Data

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2013.

Population data by sex, age, and race are from the July 1, 2012 U.S. Census Estimates and by country-of-birth from the 2012 American Community Survey (note the differences in total population due to different sources). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

Tabulation of Column Totals

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

Data Suppression

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

On-line Mapping Tool

Please visit the Maryland Department of Health and Mental Hygiene's website at <http://phpa.dhmm.maryland.gov/oideor/chse> to create your own maps of adult/adolescent HIV rates by jurisdiction of residence, subset them by sex at birth and race/ethnicity, zoom in to the jurisdiction level, plot the locations of HIV testing sites, and print out your custom map.

HIV Exposure Categories

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

MSM (Men who have Sex with Men): Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

Injection Drug Use (IDU): Men or women who report receiving an injection, either self-administered or given by another person, of a drug that was not prescribed by a physician.

MSM/IDU: Men who report a history of sexual contact with other men who also have engaged in injection drug use.

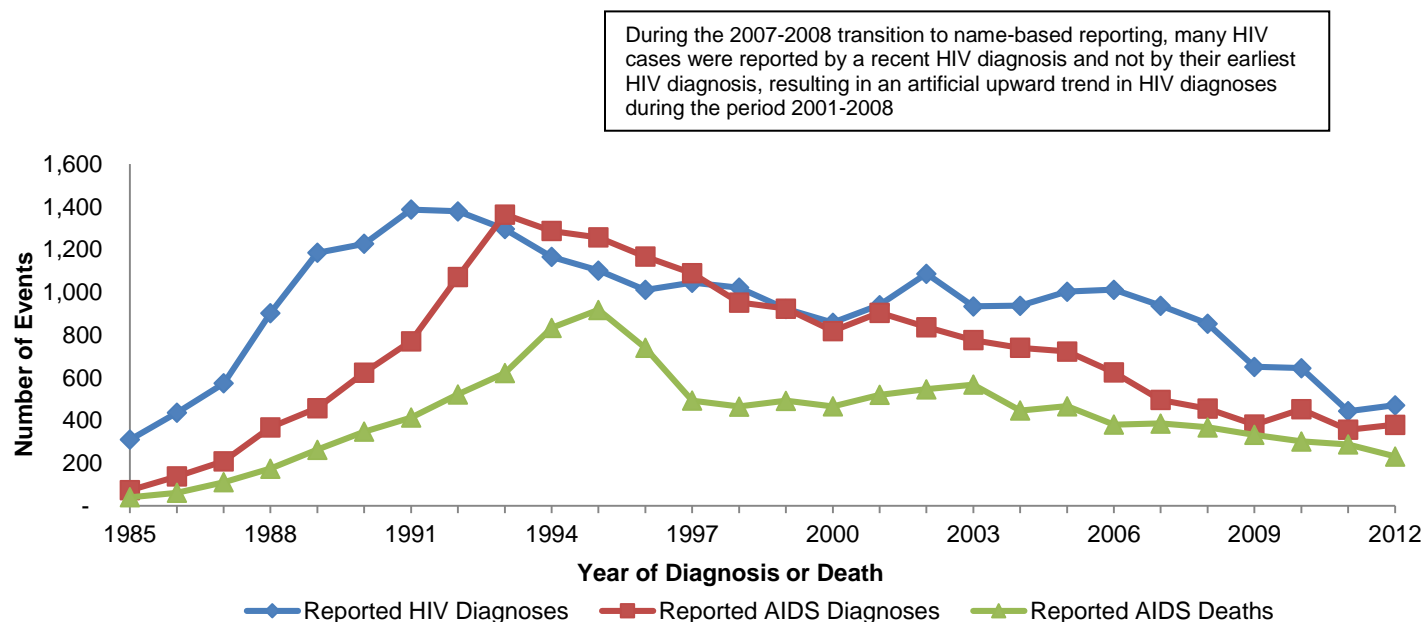
Heterosexual Exposure (HET): Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

Perinatal Exposure: Any baby born to an HIV positive mother.

Section II – Trends 1985-2012

Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2012, Reported through 12/31/2013

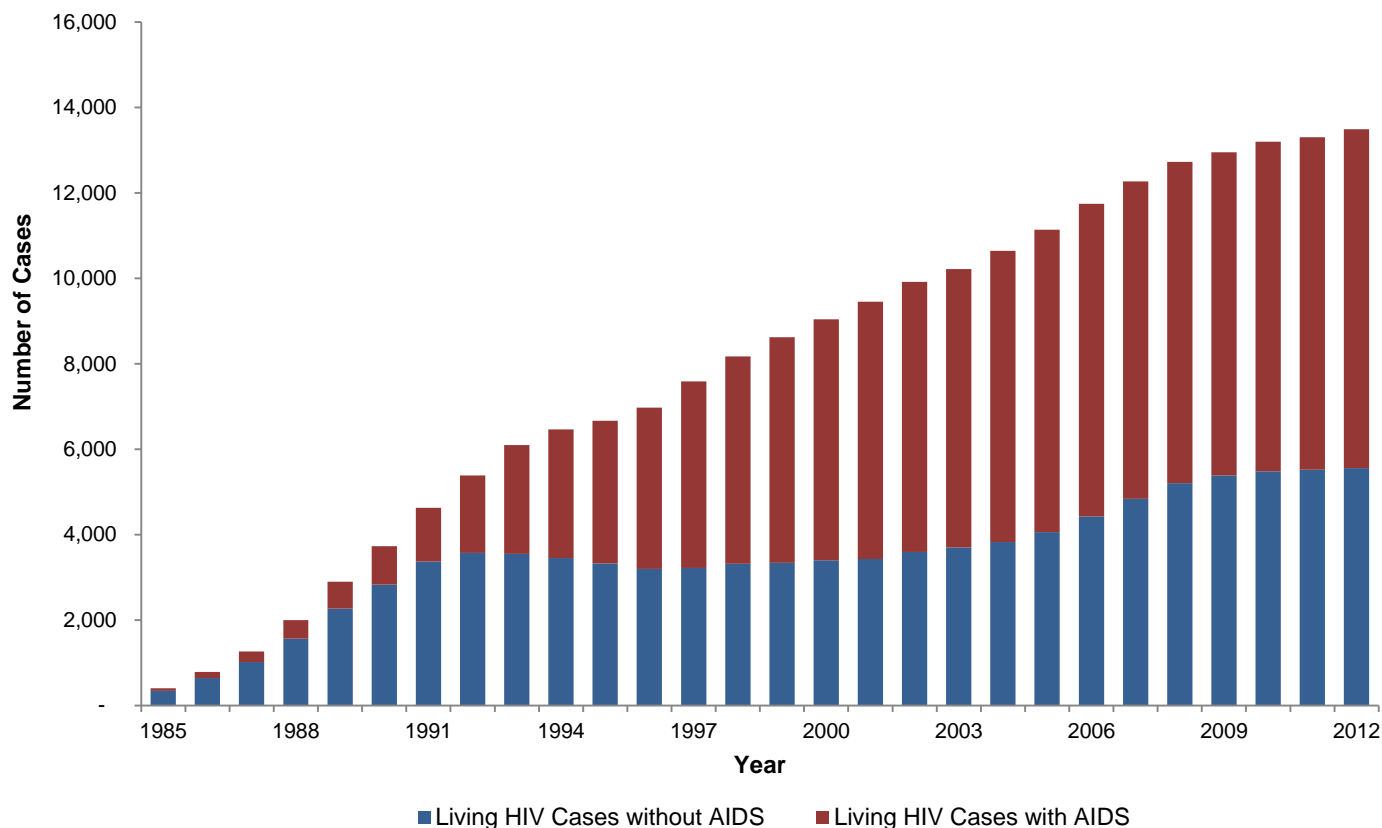
Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnoses) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2012 as Reported through 12/31/2013



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	152	57	24	1999	922	924	492
1985	310	74	41	2000	858	819	466
1986	436	138	62	2001	940	904	520
1987	574	209	111	2002	1,087	837	546
1988	903	368	175	2003	934	776	568
1989	1,185	458	263	2004	937	740	447
1990	1,227	624	348	2005	1,003	723	467
1991	1,387	771	414	2006	1,012	625	381
1992	1,379	1,072	522	2007	937	496	386
1993	1,296	1,364	622	2008	853	456	368
1994	1,166	1,287	834	2009	651	381	333
1995	1,102	1,257	918	2010	645	453	302
1996	1,011	1,167	740	2011	444	357	288
1997	1,045	1,089	493	2012	471	380	232
1998	1,022	952	465	TOTAL	25,889	19,758	11,828

Figure 2 – Trends in Living HIV Cases, 1985-2012, Reported through 12/31/2013

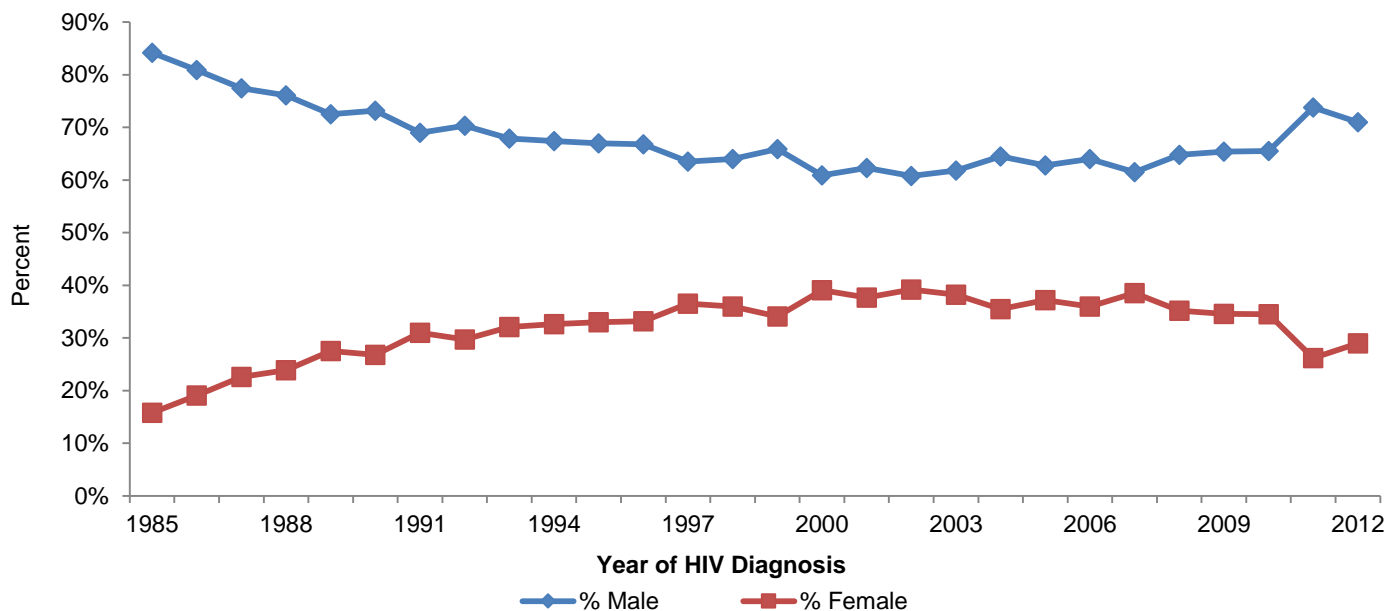
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2012, as Reported through 12/31/2013



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	341	66	407	1999	3,338	5,288	8,626
1986	644	142	786	2000	3,401	5,641	9,042
1987	1,022	240	1,262	2001	3,431	6,025	9,456
1988	1,569	433	2,002	2002	3,599	6,316	9,915
1989	2,270	628	2,898	2003	3,697	6,524	10,221
1990	2,829	904	3,733	2004	3,826	6,817	10,643
1991	3,371	1,261	4,632	2005	4,063	7,074	11,137
1992	3,576	1,811	5,387	2006	4,430	7,319	11,749
1993	3,548	2,553	6,101	2007	4,840	7,429	12,269
1994	3,455	3,007	6,462	2008	5,208	7,517	12,725
1995	3,324	3,346	6,670	2009	5,385	7,565	12,950
1996	3,199	3,773	6,972	2010	5,487	7,716	13,203
1997	3,223	4,369	7,592	2011	5,519	7,785	13,304
1998	3,316	4,856	8,172	2012	5,556	7,933	13,489

Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2012, Reported through 12/31/2013

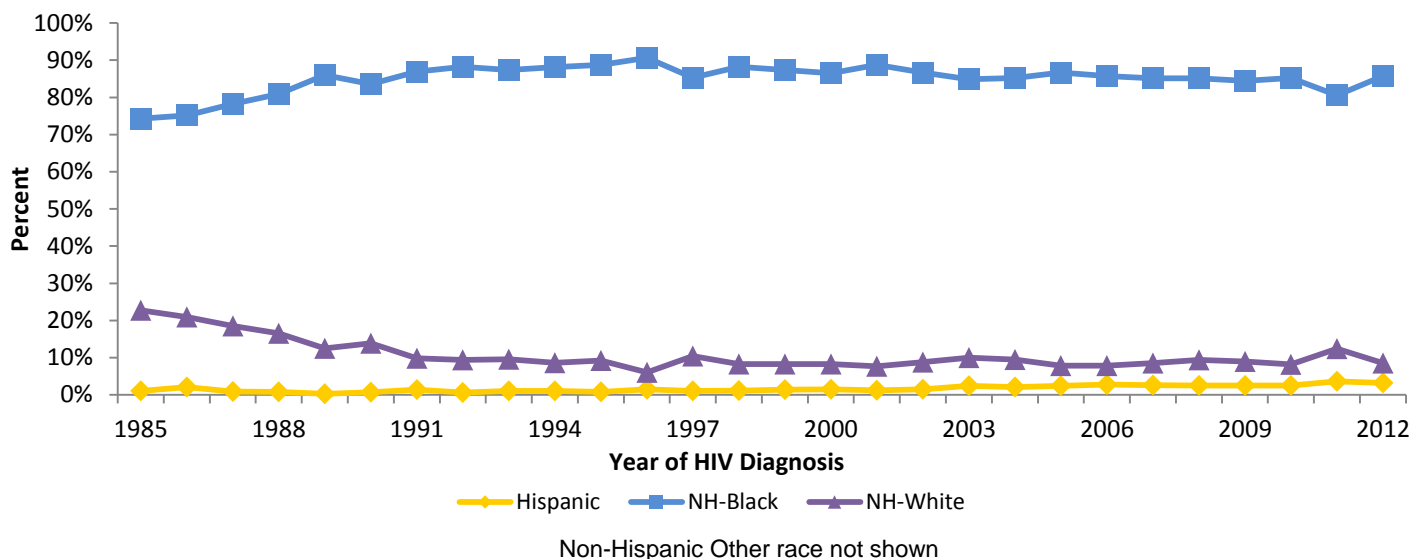
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	150	84.7%	15.3%	1999	908	65.9%	34.1%
1985	304	84.2%	15.8%	2000	851	60.9%	39.1%
1986	430	80.9%	19.1%	2001	933	62.3%	37.7%
1987	563	77.4%	22.6%	2002	1,085	60.8%	39.2%
1988	886	76.1%	23.9%	2003	932	61.8%	38.2%
1989	1,164	72.5%	27.5%	2004	935	64.5%	35.5%
1990	1,198	73.2%	26.8%	2005	1,003	62.8%	37.2%
1991	1,360	69.0%	31.0%	2006	1,011	64.0%	36.0%
1992	1,346	70.3%	29.7%	2007	917	61.5%	38.5%
1993	1,260	67.9%	32.1%	2008	847	64.8%	35.2%
1994	1,145	67.4%	32.6%	2009	648	65.4%	34.6%
1995	1,087	67.0%	33.0%	2010	644	65.5%	34.5%
1996	996	66.8%	33.2%	2011	443	73.8%	26.2%
1997	1,037	63.5%	36.5%	2012	469	71.0%	29.0%
1998	1,006	64.0%	36.0%	TOTAL	25,558	67.3%	32.7%

Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2012, Reported through 12/31/2013

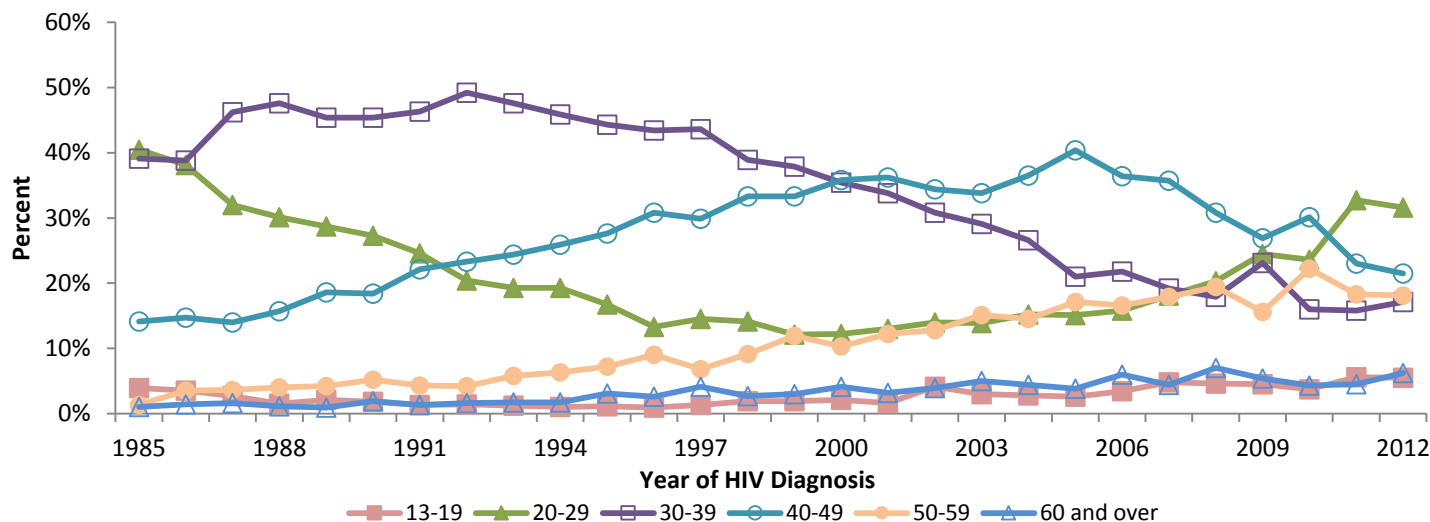
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	150	2.0%	60.7%	36.0%	1.3%
1985	304	1.0%	74.3%	22.7%	2.0%
1986	430	2.1%	75.1%	20.9%	1.9%
1987	563	0.9%	78.2%	18.5%	2.5%
1988	886	0.8%	80.9%	16.5%	1.8%
1989	1,164	0.3%	86.0%	12.5%	1.3%
1990	1,198	0.7%	83.6%	13.9%	1.8%
1991	1,360	1.4%	86.9%	9.8%	1.9%
1992	1,346	0.6%	88.2%	9.4%	1.9%
1993	1,260	1.0%	87.4%	9.6%	2.1%
1994	1,145	1.0%	88.1%	8.6%	2.2%
1995	1,087	0.8%	88.7%	9.2%	1.3%
1996	996	1.5%	90.6%	6.0%	1.9%
1997	1,037	1.0%	85.3%	10.4%	3.3%
1998	1,006	1.1%	88.2%	8.3%	2.4%
1999	908	1.4%	87.4%	8.3%	2.9%
2000	851	1.5%	86.5%	8.3%	3.6%
2001	933	1.2%	88.7%	7.7%	2.4%
2002	1,085	1.5%	86.7%	8.8%	3.0%
2003	932	2.4%	84.9%	10.0%	2.8%
2004	935	2.1%	85.2%	9.5%	3.1%
2005	1,003	2.4%	86.7%	7.8%	3.1%
2006	1,011	2.8%	85.7%	7.8%	3.8%
2007	917	2.6%	85.1%	8.5%	3.8%
2008	847	2.5%	85.1%	9.4%	3.0%
2009	648	2.5%	84.4%	9.0%	4.2%
2010	644	2.5%	85.2%	8.2%	4.0%
2011	443	3.6%	80.6%	12.4%	3.4%
2012	469	3.2%	85.7%	8.5%	2.6%
TOTAL	25,558	1.5%	85.7%	10.3%	2.6%

Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2012, Reported through 12/31/2013

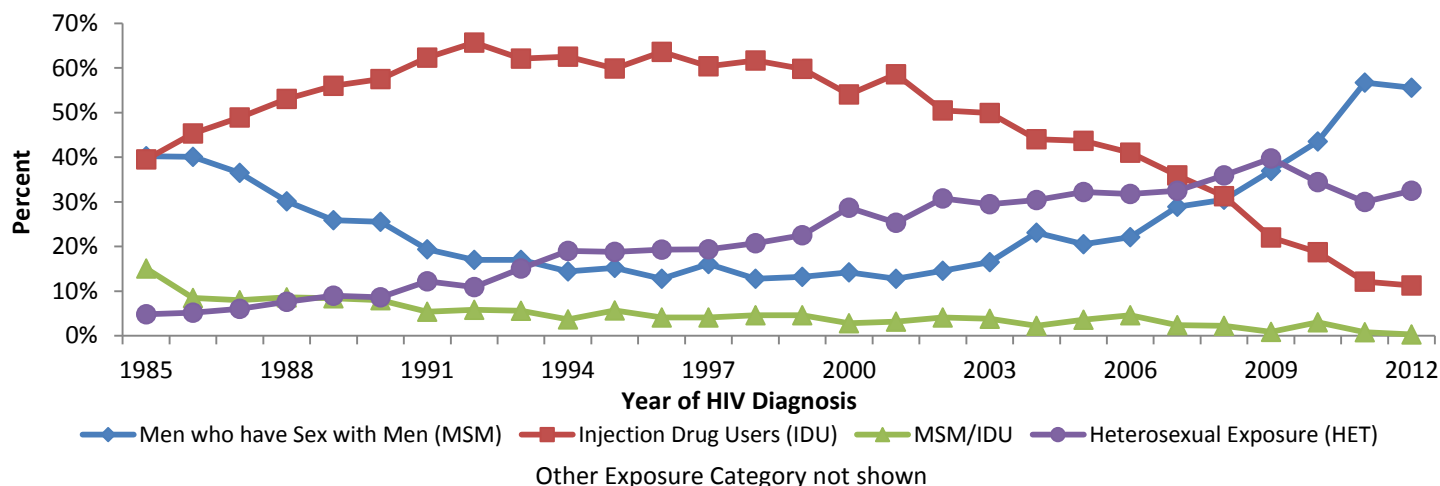
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	150	4.0%	44.7%	32.7%	12.0%	6.0%	0.7%
1985	304	3.9%	40.5%	39.1%	14.1%	1.3%	1.0%
1986	430	3.5%	38.1%	38.8%	14.7%	3.5%	1.4%
1987	563	2.7%	32.0%	46.2%	14.0%	3.6%	1.6%
1988	886	1.5%	30.1%	47.6%	15.7%	4.0%	1.1%
1989	1,164	2.1%	28.7%	45.4%	18.6%	4.2%	0.9%
1990	1,198	1.8%	27.3%	45.4%	18.4%	5.2%	1.9%
1991	1,360	1.3%	24.6%	46.3%	22.1%	4.3%	1.3%
1992	1,346	1.4%	20.4%	49.2%	23.3%	4.2%	1.6%
1993	1,260	1.2%	19.3%	47.6%	24.4%	5.8%	1.7%
1994	1,145	1.0%	19.3%	45.9%	25.9%	6.3%	1.7%
1995	1,087	1.1%	16.7%	44.3%	27.6%	7.2%	3.1%
1996	996	0.9%	13.3%	43.4%	30.8%	9.0%	2.6%
1997	1,037	1.3%	14.5%	43.6%	29.9%	6.8%	4.1%
1998	1,006	1.9%	14.1%	38.9%	33.3%	9.1%	2.7%
1999	908	1.9%	12.1%	37.9%	33.3%	11.9%	3.0%
2000	851	2.1%	12.2%	35.4%	35.8%	10.3%	4.1%
2001	933	1.6%	13.0%	33.8%	36.2%	12.2%	3.2%
2002	1,085	4.1%	14.0%	30.8%	34.4%	12.8%	3.9%
2003	932	3.0%	13.9%	29.1%	33.8%	15.1%	5.0%
2004	935	2.8%	15.2%	26.6%	36.5%	14.5%	4.4%
2005	1,003	2.6%	15.1%	21.0%	40.4%	17.1%	3.8%
2006	1,011	3.4%	15.8%	21.8%	36.4%	16.6%	6.0%
2007	917	4.8%	18.1%	19.2%	35.7%	17.9%	4.4%
2008	847	4.6%	20.3%	17.9%	30.8%	19.4%	7.0%
2009	648	4.5%	24.5%	23.1%	26.9%	15.6%	5.4%
2010	644	3.7%	23.6%	16.0%	30.1%	22.2%	4.3%
2011	443	5.6%	32.7%	15.8%	23.0%	18.3%	4.5%
2012	469	5.5%	31.6%	17.1%	21.5%	18.1%	6.2%
TOTAL	25,558	2.4%	20.2%	36.2%	28.0%	10.1%	3.1%

Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2012, Reported through 12/31/2013

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2012, as Reported through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	150	146	54.8%	32.2%	8.9%	2.7%	1.4%
1985	304	291	40.2%	39.5%	15.1%	4.8%	0.3%
1986	430	424	40.1%	45.3%	8.5%	5.2%	0.9%
1987	563	548	36.5%	48.9%	8.0%	6.0%	0.5%
1988	886	863	30.1%	53.1%	8.6%	7.6%	0.6%
1989	1,164	1,135	25.9%	56.0%	8.4%	9.0%	0.7%
1990	1,198	1,155	25.5%	57.5%	8.0%	8.6%	0.4%
1991	1,360	1,303	19.4%	62.3%	5.4%	12.2%	0.6%
1992	1,346	1,289	17.0%	65.7%	5.8%	10.9%	0.6%
1993	1,260	1,228	17.0%	62.1%	5.6%	15.1%	0.2%
1994	1,145	1,099	14.4%	62.5%	3.7%	19.0%	0.4%
1995	1,087	1,046	15.2%	59.9%	5.7%	18.8%	0.3%
1996	996	948	12.8%	63.6%	4.1%	19.3%	0.2%
1997	1,037	962	16.1%	60.4%	4.1%	19.4%	0.0%
1998	1,006	940	12.8%	61.7%	4.6%	20.7%	0.2%
1999	908	835	13.2%	59.8%	4.6%	22.5%	0.0%
2000	851	774	14.2%	54.1%	2.8%	28.7%	0.1%
2001	933	834	12.8%	58.6%	3.2%	25.3%	0.0%
2002	1,085	931	14.6%	50.5%	4.1%	30.8%	0.0%
2003	932	824	16.5%	49.9%	3.8%	29.5%	0.4%
2004	935	810	23.1%	44.0%	2.2%	30.4%	0.4%
2005	1,003	804	20.5%	43.7%	3.6%	32.2%	0.0%
2006	1,011	741	22.1%	41.0%	4.6%	31.8%	0.4%
2007	917	655	28.9%	35.9%	2.4%	32.5%	0.3%
2008	847	587	30.5%	31.3%	2.2%	35.9%	0.0%
2009	648	350	36.9%	22.0%	0.9%	39.7%	0.6%
2010	644	331	43.5%	18.7%	3.0%	34.4%	0.3%
2011	443	247	56.7%	12.1%	0.8%	30.0%	0.4%
2012	469	311	55.6%	11.3%	0.3%	32.5%	0.3%
TOTAL	25,558	22,411	21.8%	52.7%	5.0%	20.3%	0.3%

Section III – Adult/Adolescent Cases by ZIP Code

Table 1 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by ZIP Code, Reported through 12/31/2013

ZIP CODE OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
21201	15,162	18	3.8%	118.7	15	83.3%	***	***	15	83.3%	365
21202	20,710	18	3.8%	86.9	14	77.8%	5	27.8%	14	77.8%	386
21205	12,534	15	3.2%	119.7	10	66.7%	5	33.3%	13	86.7%	495
21206	33,164	21	4.5%	63.3	19	90.5%	7	33.3%	19	90.5%	346
21207	11,861	8	1.7%	67.4	5	62.5%	***	***	6	75.0%	201
21208	1,590	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21209	10,092	3	0.6%	29.7	***	***	***	***	***	***	***
21210	11,997	3	0.6%	25.0	***	***	***	***	***	***	***
21211	15,529	4	0.9%	25.8	***	***	***	***	***	***	***
21212	17,698	14	3.0%	79.1	11	78.6%	5	35.7%	13	92.9%	334
21213	26,571	23	4.9%	86.6	17	73.9%	6	26.1%	17	73.9%	325
21214	17,229	7	1.5%	40.6	5	71.4%	***	***	5	71.4%	292
21215	48,446	46	9.8%	95.0	32	69.6%	10	21.7%	36	78.3%	367
21216	26,543	33	7.0%	124.3	20	60.6%	12	36.4%	26	78.8%	375
21217	30,438	56	11.9%	184.0	39	69.6%	16	28.6%	44	78.6%	426
21218	43,487	57	12.2%	131.1	42	73.7%	25	43.9%	43	75.4%	291
21222	1,580	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21223	21,282	37	7.9%	173.9	29	78.4%	10	27.0%	31	83.8%	339
21224	34,659	22	4.7%	63.5	14	63.6%	6	27.3%	18	81.8%	340
21225	14,284	15	3.2%	105.0	13	86.7%	6	40.0%	13	86.7%	334
21226	2,597	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21227	788	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21228	225	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21229	31,824	26	5.5%	81.7	24	92.3%	7	26.9%	23	88.5%	397
21230	28,991	11	2.3%	37.9	9	81.8%	5	45.5%	10	90.9%	388
21231	13,742	10	2.1%	72.8	5	50.0%	***	***	***	***	***
21234	7,174	2	0.4%	27.9	***	***	***	***	***	***	***
21236	174	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
21237	39	1	0.2%	2,560.7	***	***	***	***	***	***	***
21239	20,127	15	3.2%	74.5	12	80.0%	6	40.0%	13	86.7%	411
21251	930	1	0.2%	107.5	***	***	***	***	***	***	***
Unknown	--	3	0.6%	--	***	***	***	***	***	***	***
TOTAL	521,466	469	100.0%	89.9	347	74.0%	145	30.9%	376	80.2%	354

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

ZIP Code of Residence at HIV Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 2 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by ZIP Code, Reported through 12/31/2013

ZIP CODE OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
21201	15,162	11	2.9%	72.5	4.7	36.4%
21202	20,710	13	3.4%	62.8	9.8	30.8%
21205	12,534	14	3.7%	111.7	4.9	35.7%
21206	33,164	14	3.7%	42.2	2.2	50.0%
21207	11,861	4	1.1%	33.7	***	***
21208	1,590	1	0.3%	62.9	***	***
21209	10,092	2	0.5%	19.8	***	***
21210	11,997	1	0.3%	8.3	***	***
21211	15,529	3	0.8%	19.3	***	***
21212	17,698	12	3.2%	67.8	3.3	58.3%
21213	26,571	28	7.4%	105.4	5.2	35.7%
21214	17,229	7	1.9%	40.6	4.3	42.9%
21215	48,446	43	11.4%	88.8	4.4	32.6%
21216	26,543	19	5.0%	71.6	5.5	42.1%
21217	30,438	45	11.9%	147.8	4.9	28.9%
21218	43,487	41	10.9%	94.3	4.0	51.2%
21222	1,580	0	0.0%	0.0	--	--
21223	21,282	29	7.7%	136.3	6.8	24.1%
21224	34,659	14	3.7%	40.4	3.5	42.9%
21225	14,284	13	3.4%	91.0	2.9	46.2%
21226	2,597	0	0.0%	0.0	--	--
21227	788	0	0.0%	0.0	--	--
21228	225	0	0.0%	0.0	--	--
21229	31,824	25	6.6%	78.6	4.0	36.0%
21230	28,991	12	3.2%	41.4	2.5	58.3%
21231	13,742	7	1.9%	50.9	5.7	28.6%
21234	7,174	2	0.5%	27.9	***	***
21236	174	0	0.0%	0.0	--	--
21237	39	0	0.0%	0.0	--	--
21239	20,127	14	3.7%	69.6	--	--
21251	930	1	0.3%	107.5	***	***
Unknown	--	2	0.5%	--	6.1	0.0%
TOTAL	521,466	377	100.0%	72.3	5.0	42.9%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

ZIP Code of Residence at AIDS Diagnosis: Jurisdiction of residence at time of initial AIDS diagnosis.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2012, by ZIP Code, Reported through 12/31/2013

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
21201	15,162	246	4.5%	419.0	419	5.4%	5.0	665	5.0%	4,385.9	22
21202	20,710	356	6.5%	1,719.0	627	8.0%	3,027.6	983	7.4%	4,746.6	21
21205	12,534	275	5.1%	2,194.1	381	4.9%	3,039.8	656	5.0%	5,233.9	19
21206	33,164	216	4.0%	651.3	261	3.3%	787.0	477	3.6%	1,438.3	69
21207	11,861	137	2.5%	1,155.1	118	1.5%	994.9	255	1.9%	2,149.9	46
21208	1,590	8	0.1%	503.1	2	0.0%	125.8	10	0.1%	628.9	159
21209	10,092	29	0.5%	287.4	26	0.3%	257.6	55	0.4%	545.0	183
21210	11,997	19	0.3%	158.4	23	0.3%	191.7	42	0.3%	350.1	285
21211	15,529	58	1.1%	373.5	98	1.3%	631.1	156	1.2%	1,004.6	99
21212	17,698	123	2.3%	695.0	148	1.9%	836.3	271	2.0%	1,531.3	65
21213	26,571	408	7.5%	1,535.5	720	9.2%	2,709.8	1,128	8.5%	4,245.3	23
21214	17,229	70	1.3%	406.3	104	1.3%	603.6	174	1.3%	1,009.9	99
21215	48,446	481	8.8%	992.9	647	8.3%	1,335.5	1,128	8.5%	2,328.4	42
21216	26,543	337	6.2%	1,269.7	517	6.6%	1,947.8	854	6.4%	3,217.5	31
21217	30,438	617	11.3%	2,027.1	1,140	14.6%	3,745.3	1,757	13.3%	5,772.4	17
21218	43,487	560	10.3%	1,287.7	726	9.3%	1,669.5	1,286	9.7%	2,957.2	33
21222	1,580	12	0.2%	759.4	7	0.1%	443.0	19	0.1%	1,202.4	83
21223	21,282	343	6.3%	1,611.7	578	7.4%	2,716.0	921	7.0%	4,327.7	23
21224	34,659	191	3.5%	551.1	171	2.2%	493.4	362	2.7%	1,044.4	95
21225	14,284	113	2.1%	791.1	142	1.8%	994.1	255	1.9%	1,785.2	56
21226	2,597	13	0.2%	500.5	20	0.3%	770.0	33	0.2%	1,270.5	78
21227	788	***	***	***	***	***	***	***	***	***	***
21228	225	***	***	***	***	***	***	***	***	***	***
21229	31,824	275	5.1%	864.1	327	4.2%	1,027.5	602	4.5%	1,891.7	52
21230	28,991	168	3.1%	579.5	195	2.5%	672.6	363	2.7%	1,252.1	79
21231	13,742	119	2.2%	865.9	178	2.3%	1,295.3	297	2.2%	2,161.2	46
21234	7,174	16	0.3%	223.0	49	0.6%	683.1	65	0.5%	906.1	110
21236	174	***	***	***	***	***	***	***	***	***	***
21237	39	***	***	***	***	***	***	***	***	***	***
21239	20,127	126	2.3%	626.0	124	1.6%	616.1	250	1.9%	1,242.1	80
21251	930	***	***	***	***	***	***	***	***	***	***
Unknown	--	69	1.3%	--	46	0.6%	--	115	0.9%	--	--
TOTAL	521,466	5,442	100.0%	1,043.6	7,809	100.0%	1,497.5	13,251	100.0%	2,541.1	39

*** Data withheld due to low population counts and/or case counts

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by ZIP Code, Reported through 12/31/2013

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
21201	665	404	60.8%	481	14.9%	17.3%	21.5%	46.3%
21202	983	561	57.1%	475	14.8%	17.6%	20.0%	47.6%
21205	656	369	56.3%	469	13.8%	19.0%	21.4%	45.8%
21206	477	284	59.5%	487	14.1%	14.8%	22.5%	48.6%
21207	255	137	53.7%	527	13.9%	14.6%	15.3%	56.2%
21208	10	7	70.0%	832	14.3%	0.0%	14.3%	71.4%
21209	55	29	52.7%	511	10.3%	20.7%	17.2%	51.7%
21210	42	25	59.5%	403	12.0%	32.0%	16.0%	40.0%
21211	156	109	69.9%	539	17.4%	13.8%	14.7%	54.1%
21212	271	166	61.3%	450	18.1%	19.3%	22.3%	40.4%
21213	1,128	709	62.9%	470	16.6%	17.1%	20.3%	46.0%
21214	174	111	63.8%	464	13.5%	17.1%	22.5%	46.8%
21215	1,128	657	58.2%	497	15.5%	16.3%	18.7%	49.5%
21216	854	514	60.2%	440	19.3%	19.3%	20.2%	41.2%
21217	1,757	1,093	62.2%	461	18.4%	17.6%	18.5%	45.6%
21218	1,286	756	58.8%	491	16.1%	17.1%	18.0%	48.8%
21222	19	11	57.9%	688	9.1%	18.2%	9.1%	63.6%
21223	921	550	59.7%	418	17.1%	21.3%	20.5%	41.1%
21224	362	211	58.3%	503	13.7%	15.2%	20.4%	50.7%
21225	255	163	63.9%	419	18.4%	23.3%	16.0%	42.3%
21226	33	21	63.6%	591	14.3%	14.3%	14.3%	57.1%
21227	***	***	***	***	***	***	***	***
21228	***	***	***	***	***	***	***	***
21229	602	386	64.1%	471	15.8%	17.9%	19.7%	46.6%
21230	363	231	63.6%	517	12.6%	19.0%	16.9%	51.5%
21231	297	176	59.3%	478	17.0%	14.8%	20.5%	47.7%
21234	65	39	60.0%	500	20.5%	17.9%	10.3%	51.3%
21236	***	***	***	***	***	***	***	***
21237	***	***	***	***	***	***	***	***
21239	250	137	54.8%	544	8.8%	16.8%	15.3%	59.1%
21251	***	***	***	***	***	***	***	***
Unknown	115	43	37.4%	537	11.6%	18.6%	18.6%	51.2%
TOTAL	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by ZIP Code, Reported through 12/31/2013

ZIP CODE OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
21201	665	342	51.4%	63.7%	9,578
21202	983	459	46.7%	69.9%	7,727
21205	656	305	46.5%	61.6%	5,420
21206	477	241	50.5%	59.3%	8,967
21207	255	106	41.6%	67.9%	25,399
21208	10	6	60.0%	50.0%	21,888
21209	55	24	43.6%	66.7%	35,626
21210	42	24	57.1%	70.8%	35,060
21211	156	94	60.3%	74.5%	15,433
21212	271	141	52.0%	61.7%	27,361
21213	1,128	567	50.3%	62.8%	11,281
21214	174	96	55.2%	70.8%	11,235
21215	1,128	568	50.4%	66.0%	17,318
21216	854	428	50.1%	56.1%	13,219
21217	1,757	938	53.4%	60.8%	8,445
21218	1,286	621	48.3%	65.5%	10,875
21222	19	8	42.1%	37.5%	430
21223	921	453	49.2%	61.6%	8,725
21224	362	165	45.6%	66.1%	10,115
21225	255	120	47.1%	55.8%	9,200
21226	33	17	51.5%	58.8%	980
21227	***	***	***	***	***
21228	***	***	***	***	***
21229	602	321	53.3%	65.4%	9,020
21230	363	192	52.9%	63.5%	11,329
21231	297	147	49.5%	63.3%	15,908
21234	65	33	50.8%	72.7%	3,135
21236	***	***	***	***	***
21237	***	***	***	***	***
21239	250	124	49.6%	73.4%	2,310
21251	***	***	***	***	***
Unknown	115	35	30.4%	54.3%	23,810
TOTAL	13,251	6,602	49.8%	63.6%	9,749

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

ZIP Code of Residence at Diagnosis: Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

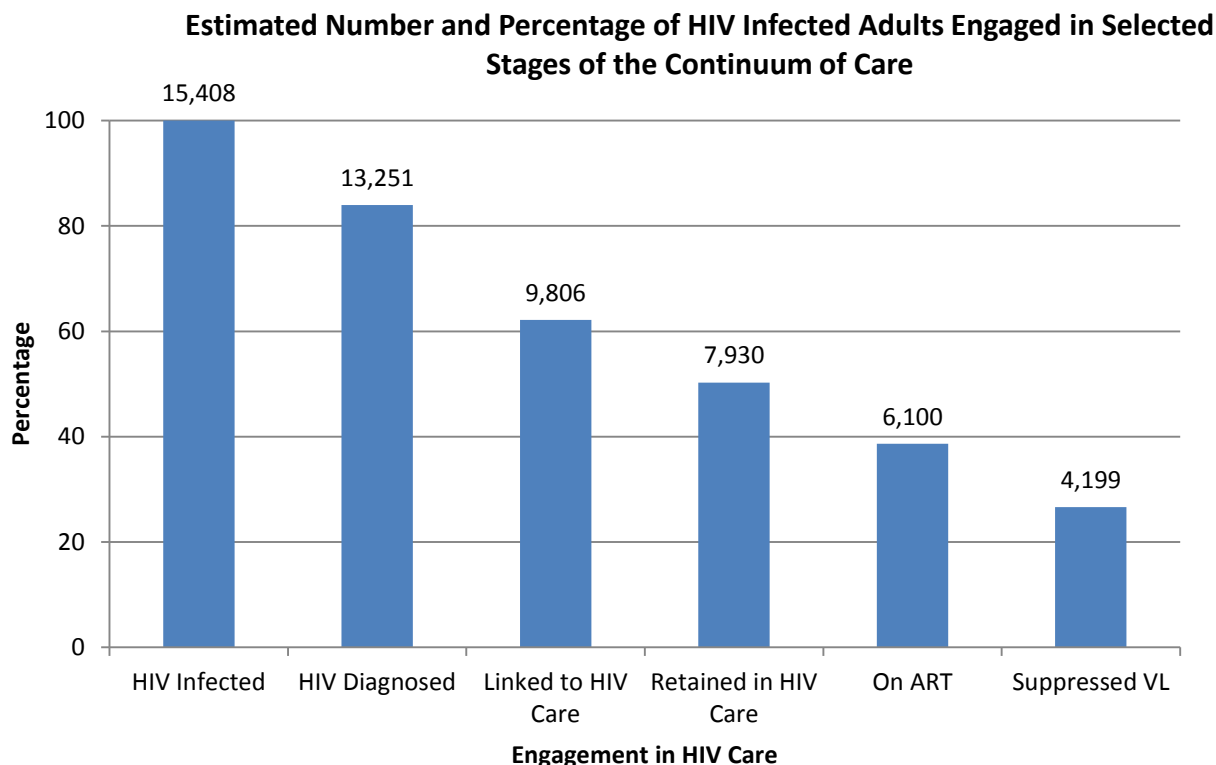
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Figure 7 – Estimated Adult/Adolescent 2012 HIV Continuum of Care, Reported through 12/31/2013

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	15,408	100.0%
HIV Diagnosed	13,251	86.0%
Linked to HIV Care	9,806	62.2%
Retained in HIV Care	7,930	50.3%
On ART	6,100	38.7%
Suppressed VL	4,199	26.6%

HIV Infected: HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

HIV Diagnosed: Adult/adolescent total living HIV cases as of December 31st of the specified year.

Linked to HIV Care: HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Suppressed Viral Load: HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Section IV – Cases by Age

Table 6 – HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2013

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	42,241	2	0.4%	4.7	***	***	***	***	***	***	***
5-12 (Pediatric)	57,635	0	0.0%	0.0	--	--	--	--	--	--	--
13-19	53,041	26	5.5%	49.0	***	***	7	26.9%	***	***	***
20-29	114,245	148	31.4%	129.5	114	77.0%	30	20.3%	125	84.5%	426
30-39	86,345	80	17.0%	92.7	63	78.8%	22	27.5%	66	82.5%	372
40-49	77,795	101	21.4%	129.8	69	68.3%	33	32.7%	75	74.3%	302
50-59	82,890	85	18.0%	102.5	59	69.4%	37	43.5%	66	77.6%	231
60+	107,150	29	6.2%	27.1	23	79.3%	16	55.2%	24	82.8%	159
TOTAL	621,342	471	100.0%	75.8	349	74.1%	145	30.8%	378	80.3%	355

*** Data withheld due to low population counts and/or case counts

Table 7 – AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2013

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	42,241	0	0.0%	--	--	--
5-12 (Pediatric)	57,635	0	0.0%	--	--	--
13-19	53,041	8	2.1%	15.1	4	62.5%
20-29	114,245	67	17.6%	58.6	2.9	44.8%
30-39	86,345	74	19.5%	85.7	4.6	33.8%
40-49	77,795	104	27.4%	133.7	5.3	36.5%
50-59	82,890	93	24.5%	112.2	5.5	35.5%
60+	107,150	34	8.9%	31.7	5.1	44.1%
TOTAL	621,342	380	100.0%	61.2	4.7	38.4%

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Table 8 – HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5	42,241	10	0.2%	23.7	--	--	--	10	0.1%	23.7	4,224
5-12	57,635	21	0.4%	36.4	4	0.1%	6.9	25	0.2%	43.4	2,305
13-19	53,041	77	1.4%	145.2	51	0.6%	96.2	128	0.9%	241.3	414
20-29	114,245	787	14.2%	688.9	425	5.4%	372.0	1,212	9.0%	1,060.9	94
30-39	86,345	926	16.7%	1,072.4	887	11.2%	1,027.3	1,813	13.4%	2,099.7	47
40-49	77,795	1,576	28.4%	2,025.8	2,505	31.6%	3,220.0	4,081	30.3%	5,245.8	19
50-59	82,890	1,564	28.1%	1,886.8	2,959	37.3%	3,569.8	4,523	33.5%	5,456.6	18
60+	107,150	595	10.7%	555.3	1,102	13.9%	1,028.5	1,697	12.6%	1,583.8	63
TOTAL	621,342	5,556	100.0%	894.2	7,933	100.0%	1,276.8	13,489	100.0%	2,170.9	46

Age on [date]: Age group of living cases on the specified date.

Population: Population estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	43	22	51.2%	449	13.6%	31.8%	13.6%	40.9%
20-29	1,097	687	62.6%	482	14.0%	17.0%	22.0%	47.0%
30-39	1,810	1,092	60.3%	480	17.4%	16.3%	19.3%	47.0%
40-49	4,081	2,415	59.2%	462	17.6%	17.8%	19.2%	45.4%
50-59	4,523	2,739	60.6%	482	15.6%	17.9%	18.3%	48.3%
60+	1,697	975	57.5%	480	13.2%	18.6%	20.8%	47.4%
TOTAL	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%

Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2012, by Age on 12/31/2012, Reported through 12/31/2013

AGE ON 12/31/2012	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	43	28	65.1%	14.3%	22,088
20-29	1,097	618	56.3%	44.0%	11,515
30-39	1,810	948	52.4%	57.1%	12,200
40-49	4,081	2,023	49.6%	63.7%	10,000
50-59	4,523	2,225	49.2%	68.6%	7,158
60+	1,697	760	44.8%	74.9%	5,842
TOTAL	13,251	6,602	49.8%	63.6%	9,749

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age on [date]: Age group of living cases on the specified date.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section V – Adult/Adolescent Cases by Demographics

Table 11 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result	
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	242,001	333	71.0%	137.6	248	74.5%	103	30.9%	262	78.7%	349
Female	279,465	136	29.0%	48.7	99	72.8%	42	30.9%	114	83.8%	369
TOTAL	521,466	469	100.0%	89.9	347	74.0%	145	30.9%	376	80.2%	354

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result	
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	21,026	15	3.2%	71.3	12	80.0%	5	33.3%	12	80.0%	384
Non-Hispanic	500,441	454	96.8%	90.7	335	73.8%	140	30.8%	364	80.2%	353
American Indian/Alaska Native, only	1,543	1	0.2%	64.8	***	***	***	***	***	***	***
Asian, only	13,859	2	0.4%	14.4	***	***	***	***	***	***	***
Black, only	321,457	402	85.7%	125.1	292	72.6%	124	30.8%	321	79.9%	354
Native Hawaiian/Other Pacific Islander, only	191	0	0.0%	0.0	--	--	--	--	--	--	--
White only	156,358	40	8.5%	25.6	31	77.5%	14	35.0%	34	85.0%	338
Multiracial/Other	7,033	9	1.9%	128.0	9	100.0%	***	***	7	77.8%	355
TOTAL	521,466	469	100.0%	89.9	347	74.0%	145	30.9%	376	80.2%	354

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses								First CD4 Test Result	
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	473,402	134	84.8%	28.3	98	73.1%	41	30.6%	114	85.1%	411
Foreign-born	43,783	11	7.0%	25.1	10	90.9%	***	***	10	90.9%	497
Africa	--	8	5.1%	--	7	87.5%	***	***	7	87.5%	583
Asia	--	2	1.3%	--	***	***	***	***	***	***	***
Caribbean	--	1	0.6%	--	***	***	***	***	***	***	***
Central America	--	0	0.0%	--	--	--	--	--	--	--	--
Other	--	0	0.0%	--	--	--	--	--	--	--	--
Unknown	--	13	8.2%	--	13	100.0%	***	***	11	84.6%	463
TOTAL	517,185	158	100.0%	30.5	121	76.6%	46	29.1%	135	85.4%	417

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 12 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	242,001	246	65.3%	101.7	4.1	42.3%
Female	279,465	131	34.7%	46.9	5.5	32.1%
TOTAL	521,466	377	100.0%	72.3	4.6	38.7%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	21,026	6	1.6%	28.5	2.4	66.7%
Non-Hispanic	500,441	371	98.4%	74.1	4.6	38.3%
American Indian/Alaska Native, only	1,543	0	0.0%	--	--	--
Asian, only	13,859	2	0.5%	14.4	***	***
Black, only	321,457	325	86.2%	101.1	4.7	37.8%
Native Hawaiian/Other Pacific Islander, only	191	0	0.0%	--	--	--
White only	156,358	29	7.7%	18.5	3.5	48.3%
Multiracial/Other	7,033	15	4.0%	213.3	4.9	26.7%
TOTAL	521,466	377	100.0%	72.3	4.6	38.7%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	473,402	345	91.5%	72.9	4.9	36.2%
Foreign-born	43,783	7	2.0%	16.0	1.8	71.4%
Africa	--	4	57.1%	--	***	***
Asia	--	1	14.3%	--	***	***
Caribbean	--	1	14.3%	--	***	***
Central America	--	0	0.0%	--	--	--
Other	--	1	14.3%	--	***	***
Unknown	--	25	6.6%	--	1.8	64.0%
TOTAL	517,185	377	100.0%	72.9	4.6	38.7%

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	242,001	3,428	63.0%	1,416.5	4,931	63.1%	2,037.6	8,359	63.1%	3,454.1	28
Female	279,465	2,014	37.0%	720.7	2,878	36.9%	1,029.8	4,892	36.9%	1,750.5	57
TOTAL	521,466	5,442	100.0%	1,043.6	7,809	100.0%	1,497.5	13,251	100.0%	2,541.1	39

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	21,026	105	1.9%	499.4	238	3.0%	1,132.0	343	2.6%	1,631.3	61
Non-Hispanic	500,441	5,337	98.1%	1,066.5	7,571	97.0%	1,512.9	12,908	97.4%	2,579.3	38
American Indian/Alaska Native, only	1,543	7	0.1%	453.5	4	0.1%	259.2	11	0.1%	712.7	140
Asian, only	13,859	16	0.3%	115.5	14	0.2%	101.0	30	0.2%	216.5	461
Black, only	321,457	4,580	84.2%	1,424.8	6,333	81.1%	1,970.1	10,913	82.4%	3,394.9	29
Native Hawaiian/Other Pacific Islander, only	191	2	0.0%	1,049.3	--	--	--	2	0.0%	1,049.3	95
White only	156,358	601	11.0%	384.4	911	11.7%	582.6	1,512	11.4%	967.0	103
Multiracial/Other	7,033	131	2.4%	1,862.6	309	4.0%	4,393.4	440	3.3%	6,256.0	15
TOTAL	521,466	5,442	100.0%	1,043.6	7,809	100.0%	1,497.5	13,251	100.0%	2,541.1	39

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	473,402	5,259	96.6%	1,110.9	7,466	95.6%	1,577.1	12,725	96.0%	2,688.0	37
Foreign-born	43,783	47	0.9%	107.3	269	3.4%	614.4	316	2.4%	721.7	138
Africa	--	14	29.8%	--	156	58.0%	--	170	53.8%	--	--
Asia	--	4	8.5%	--	13	4.8%	--	17	5.4%	--	--
Caribbean	--	6	12.8%	--	26	9.7%	--	32	10.1%	--	--
Central America	--	10	21.3%	--	42	15.6%	--	52	16.5%	--	--
Other	--	13	27.7%	--	32	11.9%	--	45	14.2%	--	--
Unknown	--	136	2.5%	--	74	0.9%	--	210	1.6%	--	--
TOTAL	517,185	5,442	100.0%	1,052.2	7,809	100.0%	1,509.9	13,251	100.0%	2,562.1	39

* Population data by sex at birth, age, and race/ethnicity are from the 2012 U.S. Census population estimates

** Population data by country of birth are from the 2012 American Community Survey

Population Age 13+: Population greater than or equal to 13 years old, estimate for 7/1/2012.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	8,359	4,756	56.9%	456	16.3%	18.8%	20.7%	44.2%
Female	4,892	3,174	64.9%	508	15.6%	16.1%	17.2%	51.1%
TOTAL	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	343	201	58.6%	459	13.9%	22.4%	15.9%	47.8%
Non-Hispanic	12,908	7,729	59.9%	475	16.1%	17.6%	19.4%	47.0%
American Indian/Alaska Native, only	11	***	***	***	***	***	***	***
Asian, only	30	20	66.7%	430	0.0%	35.0%	20.0%	45.0%
Black, only	10,913	6,548	60.0%	471	16.2%	17.7%	19.6%	46.5%
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***	***	***	***
White only	1,512	817	54.0%	529	13.3%	15.2%	18.0%	53.5%
Multiracial/Other	440	339	77.0%	435	21.2%	19.5%	18.6%	40.7%
TOTAL	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	12,725	7,591	59.7%	476	16.0%	17.7%	19.2%	47.1%
Foreign-born	316	188	59.5%	459	13.8%	20.2%	21.3%	44.7%
Africa	170	117	68.8%	451	16.2%	18.8%	24.8%	40.2%
Asia	17	11	64.7%	595	0.0%	36.4%	0.0%	63.6%
Caribbean	32	16	50.0%	394	12.5%	25.0%	18.8%	43.8%
Central America	52	26	50.0%	509	3.8%	23.1%	23.1%	50.0%
Other	45	18	40.0%	537	22.2%	11.1%	11.1%	55.6%
Unknown	210	151	71.9%	452	19.9%	16.6%	20.5%	43.0%
TOTAL	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	8,359	3,983	47.6%	66.1%	9,721
Female	4,892	2,619	53.5%	59.9%	9,749
TOTAL	13,251	6,602	49.8%	63.6%	9,749

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	343	173	50.4%	77.5%	8,422
Non-Hispanic	12,908	6,429	49.8%	63.3%	9,753
American Indian/Alaska Native, only	11	***	***	***	***
Asian, only	30	19	63.3%	68.4%	1,590
Black, only	10,913	5,423	49.7%	61.7%	9,837
Native Hawaiian/Other Pacific Islander, only	2	***	***	***	***
White only	1,512	694	45.9%	74.4%	8,591
Multiracial/Other	440	287	65.2%	65.9%	10,268
TOTAL	13,251	6,602	49.8%	63.6%	9,749

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	12,725	6,305	49.5%	63.3%	9,671
Foreign-born	316	168	53.2%	77.4%	26,816
Africa	170	105	61.8%	77.1%	37,717
Asia	17	7	41.2%	57.1%	1,020
Caribbean	32	14	43.8%	71.4%	145,118
Central America	52	23	44.2%	91.3%	19,596
Other	45	19	42.2%	73.7%	17,377
Unknown	210	129	61.4%	63.6%	8,924
TOTAL	13,251	6,602	49.8%	63.6%	9,749

*** Data withheld due to low population counts and/or case counts

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

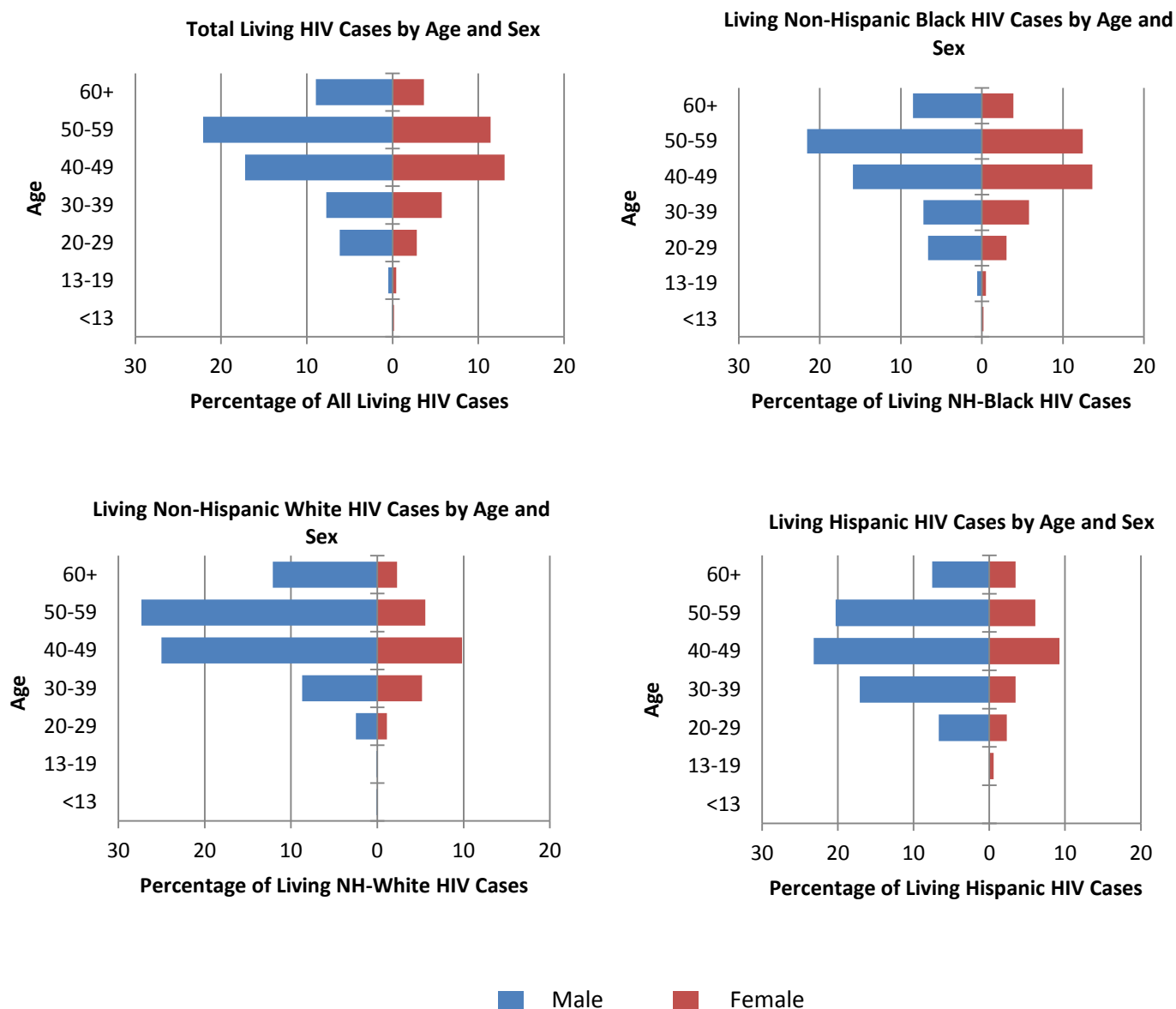
Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VI – HIV Cases by Expanded Demographics, Alive on 12/31/2012 and Reported through 12/31/2013

Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013



Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

MALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,832	20,543	31,713	7,507	64,596
	Cases	0	9	2	0	11
	Rate	0.0	43.8	6.3	0.0	17.0
	Ratio (1 in X)	--	2,282	15,856	--	5,872
13-19	Population	2,086	11,788	20,019	3,278	37,170
	Cases	0	66	2	1	69
	Rate	0.0	559.9	10.0	30.5	185.6
	Ratio (1 in X)	--	178	10,009	3,277	538
20-29	Population	3,806	15,097	32,025	4,684	55,612
	Cases	23	740	38	32	833
	Rate	604.3	4,901.6	118.7	683.2	1,497.9
	Ratio (1 in X)	165	20	842	146	66
30-39	Population	3,919	12,855	26,485	4,941	48,200
	Cases	59	803	133	46	1,041
	Rate	1,505.5	6,246.6	502.2	931.0	2,159.8
	Ratio (1 in X)	66	16	199	107	46
40-49	Population	2,376	13,908	31,436	3,942	51,662
	Cases	80	1772	382	85	2,319
	Rate	3,367.0	12,740.9	1,215.2	2,156.3	4,488.8
	Ratio (1 in X)	29	7	82	46	22
50-59	Population	1,283	11,430	39,853	2,916	55,482
	Cases	70	2399	417	94	2,980
	Rate	5,456.0	20,988.6	1,046.3	3,223.6	5,371.1
	Ratio (1 in X)	18	4	95	31	18
60+	Population	1,034	11,568	58,215	3,209	74,026
	Cases	26	945	185	50	1,206
	Rate	2,514.5	8,169.1	317.8	1,558.1	1,629.2
	Ratio (1 in X)	39	12	314	64	61
TOTAL MALES BY RACE/ ETHNICITY	Population	19,336	97,189	239,746	30,477	386,748
	Cases	258	6,734	1,159	308	8,459
	Rate	1,334.3	6,928.8	483.4	1,010.6	2,187.2
	Ratio (1 in X)	74	14	206	98	45

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

FEMALES						
AGE ON 12/31/2012		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	4,820	19,943	30,338	7,236	62,337
	Cases	0	22	0	2	24
	Rate	0.0	110.3	0.0	27.6	38.5
	Ratio (1 in X)	--	906	--	3,617	2,597
13-19	Population	1,972	11,943	19,550	3,275	36,740
	Cases	2	55	1	1	59
	Rate	101.4	460.5	5.1	30.5	160.6
	Ratio (1 in X)	985	217	19,550	3,275	622
20-29	Population	3,242	17,664	32,919	5,179	59,004
	Cases	8	337	17	17	379
	Rate	246.8	1,907.8	51.6	328.2	642.3
	Ratio (1 in X)	405	52	1,936	304	155
30-39	Population	3,225	17,096	27,015	5,487	52,823
	Cases	12	647	79	34	772
	Rate	372.1	3,784.5	292.4	619.6	1,461.5
	Ratio (1 in X)	268	26	341	161	68
40-49	Population	2,172	17,969	33,468	4,298	57,907
	Cases	32	1516	150	64	1,762
	Rate	1,473.3	8,436.8	448.2	1,489.1	3,042.8
	Ratio (1 in X)	67	11	223	67	32
50-59	Population	1,323	15,764	42,685	3,187	62,959
	Cases	21	1385	85	52	1,543
	Rate	1,587.3	8,785.8	199.1	1,631.6	2,450.8
	Ratio (1 in X)	63	11	502	61	40
60+	Population	1,298	18,043	75,956	3,640	98,937
	Cases	12	431	35	13	491
	Rate	0.0	2,388.7	46.1	357.1	496.3
	Ratio (1 in X)	108	41	2,170	280	201
TOTAL FEMALES BY RACE/ ETHNICITY	Population	18,052	118,422	261,931	32,302	430,707
	Cases	87	4,393	367	183	5,030
	Rate	481.9	3,709.6	140.1	566.5	1,167.8
	Ratio (1 in X)	207	26	713	176	85

Age on [date]: Age group of living cases on the specified date.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Population: Population estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Section VII – HIV Exposure Category

Table 18 – Adult/Adolescent HIV Diagnoses during 2012, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	312	100.0%	229	73.4%	93	29.8%	81.1%	376
Men who have Sex with Men (MSM)	173	55.4%	136	78.6%	44	25.4%	83.8%	400
Injection Drug Users (IDU)	35	11.2%	20	57.1%	16	45.7%	74.3%	151
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	101	32.4%	72	71.3%	33	32.7%	80.2%	353
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	157		118	75.2%	52	33.1%	78.3%	332
TOTAL	469		347	74.0%	145	30.9%	80.2%	354

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	245	100.0%	180	73.5%	72	29.4%	79.6%	369
Men who have Sex with Men (MSM)	173	70.6%	136	78.6%	44	25.4%	83.8%	400
Injection Drug Users (IDU)	18	7.3%	10	55.6%	9	50.0%	72.2%	117
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	52	21.2%	34	65.4%	19	36.5%	71.2%	326
Other Exposure	***	***	***	***	***	***	***	***
No Reported Exposure	88		68	77.3%	31	35.2%	76.1%	331
TOTAL	333		248	74.5%	103	30.9%	78.7%	349

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	67	100.0%	49	73.1%	21	31.3%	86.6%	384
Injection Drug Users (IDU)	17	25.4%	10	58.8%	7	41.2%	76.5%	256
Heterosexual Exposure (HET)	49	73.1%	38	77.6%	14	28.6%	89.8%	384
Other Exposure	1	1.5%	1	100.0%	0	0.0%	100.0%	742
No Reported Exposure*	69		50	72.5%	21	30.4%	81.2%	351
TOTAL	136		99	72.8%	42	30.9%	83.8%	369

* Includes 16 cases with Presumed Female Heterosexual exposure

*** Data withheld due to low population and/or case counts

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Table 19 – Adult/Adolescent AIDS Diagnoses during 2012, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	272	100.0%	5.3	33.1%
Men who have Sex with Men (MSM)	94	34.6%	2.9	48.9%
Injection Drug Users (IDU)	76	27.9%	7.4	17.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	8	2.9%	11.1	0.0%
Heterosexual Exposure (HET)	93	34.2%	5.4	33.3%
Other Exposures	1	0.4%	14	0.0%
No Reported Exposure	105		2.8	53.3%
TOTAL	377		4.6	38.7%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	184	100.0%	4.5	38.0%
Men who have Sex with Men (MSM)	94	51.1%	2.9	48.9%
Injection Drug Users (IDU)	49	26.6%	6.7	16.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	8	4.3%	11.1	0.0%
Heterosexual Exposure (HET)	32	17.4%	4	50.0%
Other Exposures	1	0.5%	14	0.0%
No Reported Exposure	62		2.9	54.8%
TOTAL	246		4.1	42.3%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	88	100.0%	6.9	22.7%
Injection Drug Users (IDU)	27	30.7%	8.7	18.5%
Heterosexual Exposure (HET)	61	69.3%	6.1	24.6%
Other Exposures	0	0.0%	--	--
No Reported Exposure*	43		2.7	51.2%
TOTAL	131		5.5	32.1%

* Includes 3 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	3,854	100.0%	6,961	100.0%	10,815	100.0%
Men who have Sex with Men (MSM)	1,223	31.7%	1,687	24.2%	2,910	26.9%
Injection Drug Users (IDU)	1,305	33.9%	2,861	41.1%	4,166	38.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	122	3.2%	297	4.3%	419	3.9%
Heterosexual Exposure (HET)	1,193	31.0%	2,091	30.0%	3,284	30.4%
Other Exposures	11	0.3%	25	0.4%	36	0.3%
No Reported Exposure	1,588		848		2,436	
TOTAL	5,442		7,809		13,251	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2,520	100.0%	4,445	100.0%	6,965	100.0%
Men who have Sex with Men (MSM)	1,223	48.5%	1,687	38.0%	2,910	41.8%
Injection Drug Users (IDU)	780	31.0%	1,741	39.2%	2,521	36.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	122	4.8%	297	6.7%	419	6.0%
Heterosexual Exposure (HET)	389	15.4%	704	15.8%	1,093	15.7%
Other Exposures	6	0.2%	16	0.4%	22	0.3%
No Reported Exposure	908		486		1,394	
TOTAL	3,428		4,931		8,359	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	1,334	100.0%	2,516	100.0%	3,850	100.0%
Injection Drug Users (IDU)	525	39.4%	1,120	44.5%	1,645	42.7%
Heterosexual Exposure (HET)	804	60.3%	1,387	55.1%	2,191	56.9%
Other Exposures	5	0.4%	9	0.4%	14	0.4%
No Reported Exposure*	680		362		1,042	
TOTAL	2,014		2,878		4,892	

* Includes 69 HIV cases without AIDS and 25 HIV cases with AIDS with Presumed Female Heterosexual exposure

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	276	100.0%	8,841	100.0%	1,290	100.0%
Men who have Sex with Men (MSM)	105	38.0%	1,977	22.4%	702	54.4%
Injection Drug Users (IDU)	64	23.2%	3,640	41.2%	320	24.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	4.0%	345	3.9%	44	3.4%
Heterosexual Exposure (HET)	95	34.4%	2,856	32.3%	212	16.4%
Other Exposures	1	0.4%	23	0.3%	12	0.9%
No Reported Exposure	67		2,072		222	
TOTAL	343		10,913		1,512	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	213	100.0%	5,501	100.0%	993	100.0%
Men who have Sex with Men (MSM)	105	49.3%	1,977	35.9%	702	70.7%
Injection Drug Users (IDU)	47	22.1%	2,239	40.7%	162	16.3%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	11	5.2%	345	6.3%	44	4.4%
Heterosexual Exposure (HET)	49	23.0%	928	16.9%	76	7.7%
Other Exposures	1	0.5%	12	0.2%	9	0.9%
No Reported Exposure	45		1,144		158	
TOTAL	258		6,645		1,151	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	63	100.0%	3,340	100.0%	297	100.0%
Injection Drug Users (IDU)	17	27.0%	1,401	41.9%	158	53.2%
Heterosexual Exposure (HET)	46	73.0%	1,928	57.7%	136	45.8%
Other Exposures	0	0.0%	11	0.3%	3	1.0%
No Reported Exposure*	22		928		64	
TOTAL	85		4,268		361	

* Includes 1 Hispanic cases, 89 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	10,815	6,710	62.0%	475	16.1%	17.6%	19.2%	47.1%
Men who have Sex with Men (MSM)	2,910	1,737	59.7%	518	10.9%	16.2%	20.0%	52.8%
Injection Drug Users (IDU)	4,166	2,546	61.1%	425	19.3%	20.9%	19.0%	40.8%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	419	257	61.3%	415	22.6%	17.1%	21.8%	38.5%
Heterosexual Exposure (HET)	3,284	2,148	65.4%	507	15.5%	15.0%	18.5%	51.0%
Other Exposures	36	22	61.1%	347	36.4%	13.6%	13.6%	36.4%
No Reported Exposure*	2,436	1,220	50.1%	466	15.5%	18.0%	20.1%	46.5%
TOTAL	13,251	7,930	59.8%	475	16.0%	17.7%	19.3%	47.0%

* Includes 94 cases with Presumed Female Heterosexual exposure

Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2012 and Reported through 12/31/2013

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	10,815	5,526	51.1%	64.1%	10,030
Men who have Sex with Men (MSM)	2,910	1,484	51.0%	67.7%	7,934
Injection Drug Users (IDU)	4,166	2,047	49.1%	60.4%	12,838
Men who have Sex with Men and Inject Drugs (MSM/IDU)	419	198	47.3%	61.1%	17,012
Heterosexual Exposure (HET)	3,284	1,779	54.2%	65.8%	8,633
Other Exposures	36	18	50.0%	44.4%	40,732
No Reported Exposure*	2,436	1,076	44.2%	61.2%	7,074
TOTAL	13,251	6,602	49.8%	63.6%	9,749

* Includes 94 cases with Presumed Female Heterosexual exposure

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

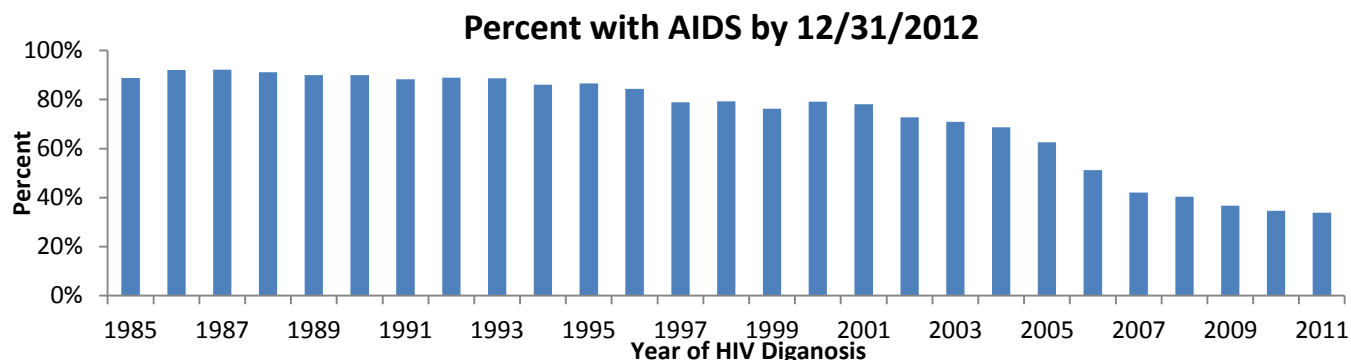
Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Section VIII – Disease Progression and Mortality

Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2011, Reported through 12/31/2013

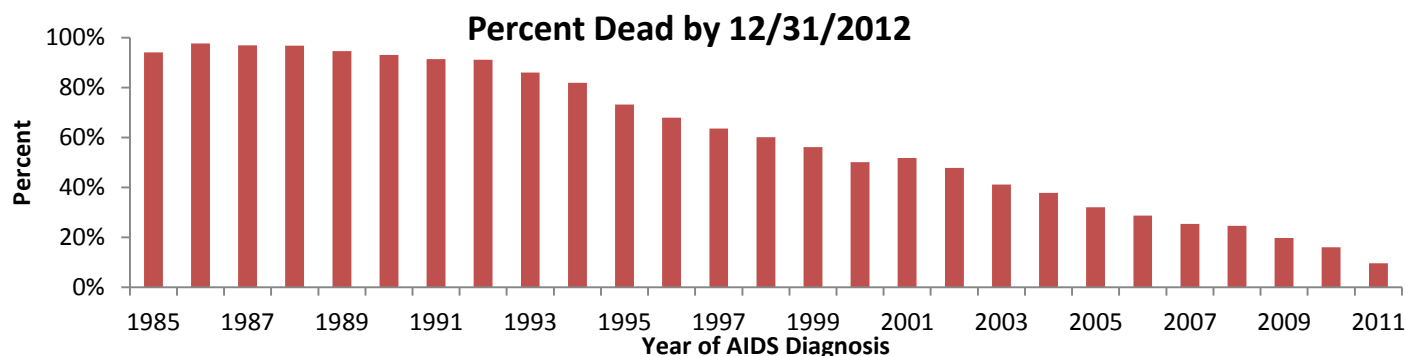
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2012 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2012, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	150	145	96.7%	7.1	32.7%	32.7%	36.7%	68.0%
1985	304	270	88.8%	6.8	22.4%	24.0%	31.3%	72.7%
1986	430	396	92.1%	5.7	31.4%	32.3%	44.4%	77.4%
1987	563	519	92.2%	4.7	32.0%	35.2%	54.4%	82.6%
1988	886	808	91.2%	3.8	37.2%	41.0%	63.7%	85.2%
1989	1,164	1,048	90.0%	3.7	36.8%	42.5%	67.2%	82.4%
1990	1,198	1,078	90.0%	3.0	43.7%	50.3%	72.3%	84.3%
1991	1,360	1,201	88.3%	2.7	45.5%	55.4%	72.9%	82.9%
1992	1,346	1,196	88.9%	2.4	50.2%	58.2%	75.0%	83.7%
1993	1,260	1,118	88.7%	2.2	53.8%	62.1%	76.3%	84.3%
1994	1,145	986	86.1%	2.3	53.4%	60.8%	73.3%	81.0%
1995	1,087	941	86.6%	2.1	57.7%	63.0%	72.6%	82.2%
1996	996	840	84.3%	2.1	57.2%	62.2%	70.7%	79.9%
1997	1,037	818	78.9%	2.0	54.8%	59.9%	67.8%	74.3%
1998	1,006	798	79.3%	2.2	54.1%	57.7%	65.5%	73.8%
1999	908	692	76.2%	1.5	55.9%	60.6%	67.8%	74.2%
2000	851	673	79.1%	1.5	56.9%	61.3%	70.5%	77.2%
2001	933	729	78.1%	1.3	59.3%	62.3%	70.8%	76.4%
2002	1,085	789	72.7%	1.6	53.3%	56.6%	63.3%	71.2%
2003	932	661	70.9%	1.3	53.5%	56.7%	62.6%	70.5%
2004	935	642	68.7%	1.3	51.4%	55.2%	61.7%	--
2005	1,003	627	62.5%	1.3	45.7%	48.8%	56.3%	--
2006	1,011	518	51.2%	1.4	34.9%	37.3%	46.7%	--
2007	917	386	42.1%	1.5	26.8%	29.7%	38.9%	--
2008	847	342	40.4%	1.3	25.5%	30.1%	--	--
2009	648	238	36.7%	1.1	24.8%	28.4%	--	--
2010	644	223	34.6%	0.6	27.6%	31.2%	--	--
2011	443	150	33.9%	0.4	28.2%	33.4%	--	--
TOTAL	25,089	18,832	75.1%	2.4	45.6%	50.5%	62.1%	71.3%

Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2011, Reported through 12/31/2012

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/11 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2012 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2012, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2011, as Reported by Name through 12/31/2013

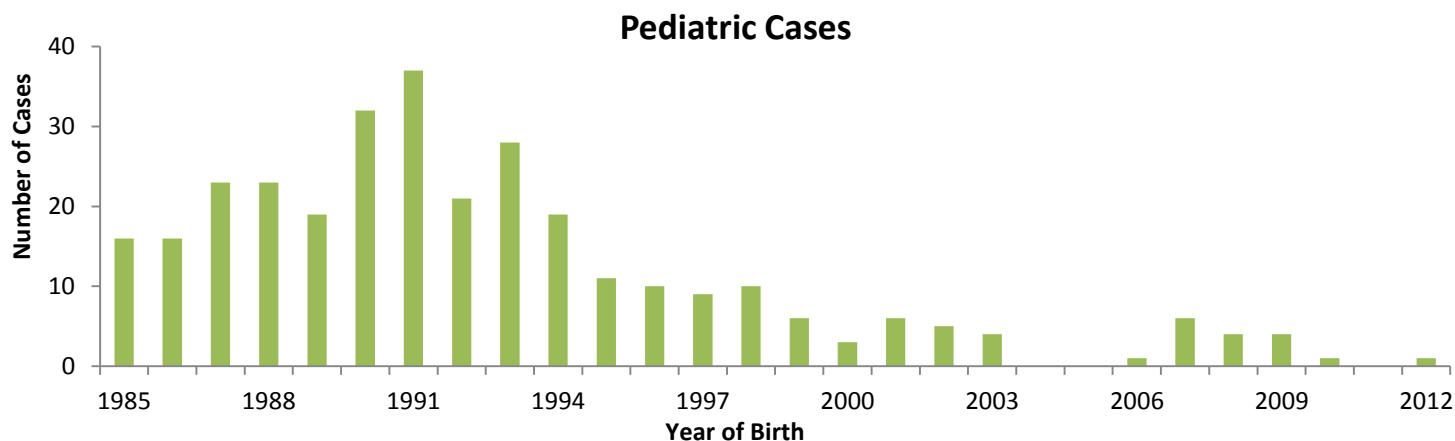


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	56	52	92.9%	3.0	53.6%	35.7%	21.4%	17.9%
1985	68	64	94.1%	1.5	45.6%	30.9%	10.3%	7.4%
1986	133	130	97.7%	2.6	49.6%	31.6%	16.5%	10.5%
1987	200	194	97.0%	2.0	61.5%	34.5%	12.0%	5.5%
1988	354	343	96.9%	2.1	59.3%	37.3%	12.1%	5.6%
1989	442	418	94.6%	2.4	61.3%	39.8%	17.2%	9.0%
1990	608	566	93.1%	2.8	64.1%	46.4%	22.0%	12.8%
1991	753	688	91.4%	2.6	68.5%	47.1%	19.4%	13.1%
1992	1,051	958	91.2%	3.0	70.7%	50.7%	22.9%	15.9%
1993	1,342	1,155	86.1%	3.5	78.5%	56.9%	33.8%	21.8%
1994	1,272	1,043	82.0%	3.6	77.2%	58.6%	39.5%	25.1%
1995	1,239	907	73.2%	4.3	79.3%	67.3%	50.8%	37.1%
1996	1,156	786	68.0%	4.7	82.5%	76.0%	59.1%	42.7%
1997	1,085	690	63.6%	4.8	85.3%	77.4%	62.1%	46.2%
1998	943	568	60.2%	4.5	86.6%	79.6%	63.4%	46.7%
1999	918	516	56.2%	4.3	87.0%	80.6%	63.8%	50.1%
2000	816	409	50.1%	3.8	86.0%	80.4%	66.1%	53.3%
2001	899	466	51.8%	3.5	85.9%	77.9%	62.7%	50.6%
2002	833	398	47.8%	3.6	86.7%	80.4%	67.5%	53.8%
2003	775	319	41.2%	3.0	84.8%	79.2%	68.9%	59.0%
2004	738	279	37.8%	2.7	86.2%	81.2%	70.3%	--
2005	722	231	32.0%	2.6	89.1%	84.1%	74.2%	--
2006	624	179	28.7%	2.1	88.9%	83.8%	74.5%	--
2007	492	125	25.4%	2.0	89.8%	86.0%	76.8%	--
2008	451	111	24.6%	1.5	88.9%	84.3%	--	--
2009	379	75	19.8%	1.4	90.8%	86.3%	--	--
2010	450	72	16.0%	1.0	90.0%	86.7%	--	--
2011	354	34	9.6%	0.8	93.5%	91.2%	--	--
TOTAL	19,153	11,776	61.5%	3.4	80.9%	69.9%	53.6%	43.4%

Section IX – Pediatric Cases

Figure 11 – Trends in Pediatric HIV Cases, 1985-2012, Reported through 12/31/2013

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31st of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2012, as Reported by Name through 12/31/2013



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	16	2	0	0	
1985	16	6	4	1	10
1986	16	6	5	3	13
1987	23	11	6	4	22
1988	23	17	11	2	39
1989	19	21	14	3	58
1990	32	29	16	3	82
1991	37	27	20	9	101
1992	21	33	20	9	127
1993	28	36	22	10	153
1994	19	21	16	10	163
1995	11	15	12	9	172
1996	10	15	7	13	178
1997	9	8	4	4	182
1998	10	16	6	3	198
1999	6	14	6	3	209
2000	3	7	2	0	217
2001	6	7	7	3	218
2002	5	2	3	2	219
2003	4	2	0	2	220
2004	0	2	1	3	220
2005	0	0	2	0	219
2006	1	1	2	1	218
2007	6	20	5	4	233
2008	4	6	5	4	236
2009	4	3	1	0	239
2010	1	1	4	3	235
2011	0	1	3	1	236
2012	1	2	2	1	238
TOTAL	331	331	206	110	--

Table 24 – Pediatric HIV Diagnoses during 2012 and Pediatric Total Living HIV Cases, Alive on 12/31/2012, by Jurisdiction, Reported through 12/31/2013

JURISDICTION AT DIAGNOSIS	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
21201	0	0.0%	8	3.4%
21202	0	0.0%	14	5.9%
21205	0	0.0%	9	3.8%
21206	1	50.0%	12	5.0%
21207	0	0.0%	5	2.1%
21209	0	0.0%	1	0.4%
21211	0	0.0%	5	2.1%
21212	0	0.0%	4	1.7%
21213	0	0.0%	28	11.8%
21214	0	0.0%	7	2.9%
21215	1	50.0%	26	10.9%
21216	0	0.0%	11	4.6%
21217	0	0.0%	32	13.4%
21218	0	0.0%	22	9.2%
21223	0	0.0%	19	8.0%
21224	0	0.0%	7	2.9%
21225	0	0.0%	4	1.7%
21229	0	0.0%	7	2.9%
21230	0	0.0%	3	1.3%
21231	0	0.0%	5	2.1%
21234	0	0.0%	1	0.4%
21239	0	0.0%	8	3.4%
TOTAL	2	100.0%	238	100.0%

Jurisdiction of Residence at Diagnosis: Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Table 25 – Pediatric HIV Diagnosis during 2012 and Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2012 and Reported through 12/31/2013

SEX AT BIRTH	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Male	0	0.0%	100	42.0%
Female	2	100.0%	138	58.0%
TOTAL	2	100.0%	238	100.0%

RACE/ETHNICITY	Pediatric Reported HIV Diagnoses		Pediatric Total Living HIV Cases	
	No.	% of Total	No.	% of Total
Hispanic	0	0.0%	2	0.8%
Non-Hispanic	2	100.0%	236	99.2%
American Indian/ Alaska Native, only	0	0.0%	0	0.0%
Asian, only	0	0.0%	0	0.0%
Black, only	2	100.0%	214	90.7%
Native Hawaiian/Other Pacific Islander, only	0	0.0%	0	0.0%
White, only	0	0.0%	14	5.9%
Multiracial/Other	0	0.0%	8	3.4%
TOTAL	2	100.0%	238	100.0%

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Glossary of Terms

Adult/Adolescent Living HIV Cases with AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Living HIV Cases without AIDS: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Adult/Adolescent Reported AIDS Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

Adult/Adolescent Reported HIV Diagnoses: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

Adult/Adolescent Total Living HIV Cases: Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Age at AIDS Diagnosis: Age group at time of initial AIDS diagnosis.

Age at HIV Diagnosis: Age group at time of initial HIV diagnosis.

Age on [date]: Age group of living cases on the specified date.

AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

CD4 Result Distribution (<200, 200-349, 350-499, 500+): Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

Confirmed Perinatal HIV Transmissions: Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

First CD4 Test Result: First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

ZIP Code of Residence at AIDS Diagnosis: ZIP code of residence at time of initial AIDS diagnosis.

ZIP Code of Residence at Diagnosis: ZIP code of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

ZIP Code of Residence at HIV Diagnosis: ZIP code of residence at time of initial HIV diagnosis.

Live Births: Babies born alive in the general population.

Living HIV Cases with AIDS: Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Living HIV Cases without AIDS: Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Mean Years from HIV Diagnosis (to AIDS Diagnosis): Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

Mean Years from AIDS diagnosis to AIDS Death: Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

Median: The measure of central location which divides a set of data into two equal parts.

Median Count (First CD4): Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

Median Count (Recent CD4): Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31st of the specified year

Median Unsuppressed (Viral Load): Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31st of the specified year of 200 copies per milliliter or greater.

Number Linked to Care: Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

Number of Late HIV diagnosis (for HIV diagnoses): Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

On ART: Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

Pediatric Reported HIV Diagnoses: Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

Pediatric Total Living HIV Cases: Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31st of the specified year.

Percent Alive by Years after AIDS Diagnosis: Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

Percent Late HIV Diagnosis (for AIDS diagnoses): Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

Percent Late HIV Diagnosis (for HIV diagnoses): Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

Percent Linked to Care: Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

Percent Suppressed (Viral Load): Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31st of the specified year of less than 200 copies per milliliter.

Percent with AIDS: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

Percent with AIDS by Years after HIV Diagnosis: Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

Perinatal HIV Transmission Rate: Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

Population: Population estimate for 7/1/2012.

Population Age 13+: Population age 13 years or older, estimate for 7/1/2012.

Rate: A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

Ratio (1 in X): Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

Recent CD4 Test Result: The most recent CD4 test result reported in the 12 months prior to December 31st of the specified year.

Recent Viral Load Test Result: The most recent viral load test result reported in the 12 months prior to December 31st of the specified year.

Reported AIDS Deaths: Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

Reported AIDS Diagnoses: Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

Reported HIV Diagnoses: Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

Reported Perinatal HIV Exposures: Reported babies born to an HIV positive mother during the specified year.

Retained in HIV Care: HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31st of the specified year.

Total Living HIV Cases: Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31st of the specified year.

Women of Childbearing Age Total Living HIV cases: Reported HIV diagnoses among women of child bearing age (13-49 years old) on December 31st of the specified year